ONOF 3	£1399_j				_		She	eet 1 of 5	
PTO-1449 REPRODUCED  AN 0 7 2003 W			ATTORNEY DOCKET NO. 1161.1027-072	APPLICATION NO. 10/018,529					
	۱۱۷۲۰ ولی	ORMATION DISCLOSURE ( IN AN APPLICATION		APPLICANT Maria S. Gawryl et al.					
TPAC	EMARI	December 31, 2002  (Use several sheets if necessar		FILING DATE June 3, 2002	CONFIRM 4904	CONFIRMATION NO. GROUP 1651			
	····		<b>U.</b> S.	PATENT DOCUMENTS	. <b></b>	*	1		
EXAM- INER INI- TIAL			ISSUE DATE / PUBLICATION DATE		NAME				
Org	AA	4,001,200		01/04/77	Bonsen et al.				
	AB	4,001,401		01/04/77	Bonsen et al.				
	AC	4,053,590		10/11/77	Bonser	sen et al.			
	AD	4,061,736		12/06/77	Morris	et al.			
	AE	4,140,162		02/20/79	Gajews	ski et a	al.		
	AF	4,460,365		07/17/84	Ganshi	nshirt et al.			
	AG	4,561,110		12/24/85	Herber	Herbert			
	АН	4,670,417		06/02/87	Iwasak	wasaki et al.			
07	AI	4,699,816		10/13/87	Galli	Galli			
			FOREIGN	PATENT DOCUMENTS	-				
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSL YES	ATION NO	
Oz	AL	2 107 191 A	27-Apr-83	Great Britain					
1	MA	WO 89/12456	28-Dec-89	PCT		REC	EIVE	D	
	AN	39 15252 A	15-Nov-90	Germany (w/ English Abstract)		JAN 0	8 200	}	
od	AO	06,249,848	09-Sept-94	Japan (w/ English Abstract)	TE	CH CENT	ER 160	0/2900	
		OTHER DO	OCUMENTS (Includ	ding Author, Title, Date, Pertinent Pag		_			
ora	AR	Antonini, E. et al., "Sickling and Hemoglobin S Gelation," In Methods in Enzymology Volume 76 Hemoglobins, eds. (NY:Academic Press), pp. 765, 769-770 (1981)							
	AS	Biro, G.P. et al., "Early Deleterious Hemorheologic Changes Following Acute Experimental Coronary Occlusion and Salutary Antihyperviscosity Effect of Hemodilution with Stroma-Free Hemoglobin," American Heart Journal, 103(5):870-878 (1992)							
00	AT	Biro, G.P. and Beresford-Kroeger, D., "The Effect of Hemodilution with Stroma-Free Hemoglobin and Dextran on Collateral Perfusion of Ischemic Myocardium in the Dog," American Heart Journal, 99(1):64-75 (1980)						th ic	
EXAMINER DATE CONSIDERED  91 23/09									

Doc#: 351599.1 AN 0 7 2003 Sheet 2 of 5 PTC-1449 REPROD ATTORNEY DOCKET NO. APPLICATION NO. 1161.1027-072 10/018,529 INFORMAT: LOSURE CITATION APPLICANT IN AN APPLICATION Maria S. Gawryl et al. December 31, 2002 CONFIRMATION NO. FILING DATE GROUP June 3, 2002 4904 1651 (Use several sheets if necessary) U.S. PATENT DOCUMENTS EXAM-INER ISSUE DATE / DOCUMENT NUMBER NAME INI-PUBLICATION DATE TIAL AJ 4,778,697 10/18/88 Genske et al. AΚ 4,826,811 05/02/89 Sehgal AA2 4,826,955 05/02/89 Akkapeddi et al. AB2 4,857,636 08/15/89 Hsia AC2 4,861,867 08/29/89 Estep AD2 5,045,529 09/03/91 Chiang 5,051,353 09/24/91 Stratton et al. AF2 5,084,558 01/28/92 Rausch et al. AG2 5,100,401 03/31/92 Patel AH2 5,167,657 12/01/92 Patel Ob AI2 5,178,884 01/12/93 Goodrich et al. OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Chu, D., et al., Abstract 80.13., "The Effect of Hemodilution with a Purified Monomer or Purified Bovine Hemoglobin on Infarct Size in Focal 02 Ischemia in Rabbits," Society for Neuroscience Abstracts, 20:180 (1994), presented at the 24th Annual Meeting Society of Neuroscience, Miami Beach, FL (Nov. 13-18, 1994) Cole, D. J. et al., "Focal Cerebral Ischemia in Rats: Effect of Hypervolemic Hemodilution with Diaspirin Cross-Linked Hemoglobin versus Albumin on Brain Injury and Edema, "Anesthesiology, 78(2):335-342 (1993)Cole, D. J. et al., "Focal Cerebral Ischemia in Rats: Effect of Hemodilution with  $\alpha$ - $\alpha$  Cross-Linked Hemoglobin on CBF," J. Cereb. Blood AW Flow Metab., 12 (6):971-976 (1992) Cole, D. J. et al., "Effects of Viscosity and Oxygen Content on ΑX Cerebral Blood Flow in Ischemic and Normal Rat Brain," Journal of

DATE CONSIDERED

238 01

Neurological Sciences, 124:15-20 (1994)

EXAMINER

RECEIVED

JAN 0 8 2003

TECH CENTER 1600/2900

PTO-1449 REPRODUCED			ATTORNEY DOCKET NO. 1161.1027-072	APPLICATION NO. 10/018,529					
p,, ,	7	RMATION DISCLOSURE CITATION IN AN APPLICATION	APPLICANT Maria S. Gawryl et al.						
AN 07 2003 December 31, 2002			FILING DATE	CONFIRMATION NO. GROUP					
		several sheets if necessary)	June 3, 2002	4904 1651					
<del></del>	U.S. PATENT DOCUMENTS								
EXAM- INER INI- TIAL		DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME					
Os	AJ2	5,189,146	02/23/93	Hsia					
	AK2	5,194,590	03/16/93	Sehgal et al.					
	AA3	5,234,903	08/10/93	Nho et al.					
	AB3	5,264,555	11/23/93	Shorr et al.					
	AC3	5,264,555 CH JA CH S,296,465 NIER S,322,161 S,334,706	01/25/94	Hong et al.					
	AD3	5,296,465	03/22/94	Rausch et al.					
	AE3	5,296,466	03/22/94	Kilbourn et al.					
	AF3	5,322,161	06/21/94	Shichman et al.					
	AG3	5,334,706	08/02/94	Przybelski					
	АНЗ	5,352,773	10/04/94	Kandler et al.					
	AI3	5,356,709	10/18/94	Woo et al.					
l	AJ3	5,439,882	08/08/95	Feola et al.					
07	AK3	5,683,768	11/04/97	Shang et al.					
	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
Oa	AY	DeVenuto, F., "Stability of Hemoglobin Solution During Extended Storage," J. Lab. Clin. Med., 92(6):946-952 (December 1975)							
	AZ	Dodrill, R. et al., "Barrier Coated Polyester Films for Healthcare Packaging," Conference Paper Presented at the Polyester in Healthcare Packaging, pp. 1-17 [online] (1996) [retrieved on 99-04-28] Retrieved from the Internet <url:http: barrier.htm="" news="" www.rollprint.com=""></url:http:>							
	AR2	Feola, M. et al., "Clinical Trial of a Hemoglobin Based Blood Substitute in Patients with Sickle Cell Anemia," SURGERY, Gynecology & Obstetrics, 174:379-386 (1992)							
	AS2	Feola, M. et al., "Improved Oxygenation of Ischemic Myocardium by Hemodilution with Stroma-Free Hemoglobin Solution," CHEST, 75(3):369-375 (1979)							
	AT2	"Film Preserves Blood Substitute," Pharmaceutical & Medical Packaging News, [online] (July 1998) [retrieved on 2002-10-28]. Retrieved from the Internet <url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><li><url><url><li><url><li><url><li><url><url><url><url><url><url><url><url< td=""></url<></url></url></url></url></url></url></url></li></url></li></url></li></url></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url></li></url>							
ay	AU2	Hamilton, P. et al., "Preparation of Hemoglobin Solutions for Intravenous Infusion," Hemoglobin Solution, pps. 455-463							
EXAMIN	ER	andott	DATE CONSIDERED						

PTO-1449 REPRODUCED			ATTORNEY DOCKET NO. 1161.1027-072	APPLICATION NO. 10/018,529					
-	-,	MATION DISCLOSURE CI IN AN APPLICATION	TATION	APPLICANT Maria S. Gawryl et al			-		
D MAL	7 2003	December 31, 2002  Que several sheets if necessary	)	FILING DATE June 3, 2002	CONFIRMA 4904	TION NO.	GROUP 1651		
C'E TRA	DENN	O COLO BIOCOLIA MICOLOGICA DE CONTRA	v.s.	PATENT DOCUMENTS			L		
EXAM- INER INI- TIAL		DOCUMENT NUM	inger ED	FILING DATE June 3, 2002  PATENT DOCUMENTS  ISSUE DATE / PUBLICATION DATE  07/27/99  10/03/00  IN PATENT DOCUMENTS		NAMÉ			
On	AA4	5,929,031	8 Jan - 40/2	W7/27/99	Kerwin et al.				
W	AB4	6,127,043	AT TERION	10/03/00	Lange				
- 00	<u> </u>		CEMIL						
	<u> </u>	· · · · · ·	FOREIG	N PATENT DOCUMENTS	<u> </u>				
		\		COUNTRY	CLASS	SUB- CLASS	TRANSL	ISLATION NO	
		DOCUMENT NUMBER	DATE	COUNTRY	CHASS	CLASS	153		
		· ·			<del> </del>			<del>                                     </del>	
ļ	L	OTHER DOCUMENTS	(Including Au	thor, Title, Date, Pertinent	t Pages	Etc.)		<u>!</u>	
<u> </u>	Τ								
Os	AV2	Hauser, C. J. and Shoemaker, W.C., "Hemoglobin Solution in the Treatment of Hemorrhagic Shock," Critical Care Medicine, 10(4):283-287 (1982).							
	AW2	Homer, L.D. et al., "Oxygen Gradients Between Red Blood Cells in the Microcirculation," Hypoxia Between Red Cells, Academic Press, Inc. 308-323 (1981)							
	AX2	Krieter, H. et al., "Effects of stroma-free polymerized bovine hemoglobin solution on oxygen transport, Global and regional blood flow in a canine model of stepwise hemodilution," Anesth. Analg., 78(2) S226 (1994)							
	AY2	Leone, B.J., and Spahn, D.R., "Anemia, Hemodilution, and Oxygen Delivery," Anesth. Analg. 75:651-653 (1992)							
	AZ2	Paradis, N.A. et al., "Selective aortic perfusion and oxygenation: An effective adjunct to external chest compression-based cardiopulmonary resuscitation," J. American College of Cardiology, 23(2), 497-504 (1994)							
	AR3	Sarelius, I.H., Cell and Oxygen Flow in Arterioles Controlling Capillary Perfusion," Am. J. Physiol. 265 (Heart Circ. Physiol. 34): H1682-H1687 (1993)							
	AS3	Standl, T. et al., "Hemodynamics and Oxygen Transport During Complete Isovolemic Hemodilution With a New Ultrapurified Polymerized Bovine Hemoglobin Solution in a Dog Model," Paper presented at the Annual Meeting of the American Society of Anesthesiologists, Washington (1993) and at the Central European Congress of Anaesthesiology, Dresden (1993)							
Ors	АТЗ	Teicher, B.A. et al., "Oxygenation of tumors by a hemoglobin solution,"  J. Cancer Research and Clinical Onco 120:85-90 (1993)							
EXAMIN	NER	AutoA		DATE CONSIDERED					

PTO-144	PTO-1449 REPRODUCED			ATTORNEY DOCKET NO. 1161.1027-072	APPLICATION NO. 10/018,529					
	IMPORMATION DISCLOSURE CITATION IN AN APPLICATION December 31, 2002 (Use several sheets if necessary)			APPLICANT Maria S. Gawryl et al.						
N 03				FILING DATE June 3, 2002	CONFIRMATION NO. GROUP 1651					
EZBAN				PATENT DOCUMENTS						
EXAM- INER INI- TIAL	ER DOCUMENT NUMBER			ISSUE DATE / PUBLICATION DATE		NAME				
		·			F	RECEIVED  JAN 0 8 2003				
						IAN O	8 5003			
ļ					TECH CENTER 1600/290					
			FOREIG	N PATENT DOCUMENTS	<u></u> _					
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS			nslation s no		
		OTHER DOCUMENTS	(Including Au	thor, Title, Date, Pertinen	t Pages,	Etc.)				
Og	AU3	Tsai, A.G. and Intaglietta, M., "Local Tissue Oxygenation During Constant Red Blood Cell Flux: A Discrete Source Analysis of Velocity and Hematocrit Changes," Microvascular Research, 37:308-322 (1989)								
	AV3	Waschke, K. et al., "Local Cerebral Blood Flow and Glucose Utilization After Blood Exchange with A Hemoglobin-Based O <sub>2</sub> Carrier in Conscious Rats," Amer. J. Physiol., 265, 1243-H1248 (June 1993).								
ces	AWЗ	Weight D. D. orthold MIRES and Co.								
							<del>-</del> "			
					······································	1,	_			
EXAMIN	IER	AutoM		DATE CONSIDERED						